



Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878



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2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 220706
ANALYTICAL REPORT

Arcadis
1900 Powell St.
Emeryville, CA 94608

Project : RV0091550009
Location : Aspire Oakland
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
EXC2-FINAL-WEST 30'	220706-001
EXC2-FINAL-WEST 60'	220706-002
EXC2-FINAL-WEST 90'	220706-003
EXC1-FINAL SE R1	220706-004
EXC1-FINAL-EAST 60'	220706-005
EXC1-FINAL-EAST 90'	220706-006

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Project Manager

Date: 06/15/2010

NELAP # 01107CA

CASE NARRATIVE

Laboratory number: 220706
Client: Arcadis
Project: RV0091550009
Location: Aspire Oakland
Request Date: 06/14/10
Samples Received: 06/14/10

This data package contains sample and QC results for six soil samples, requested for the above referenced project on 06/14/10. The samples were received cold and intact. All data were e-mailed to Ron Goloubow on 06/15/10.

Metals (EPA 6010B):

No analytical problems were encountered.



Infrastructure, environment, buildings

ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Lab Work Order #

220706

Page 1 of 1

Contact & Company Name: Ren Golembow / ARCADIS Address: 1900 Powell St 12th Fl City: Emeryville CA 94601 State: CA Zip: 94601 E-mail Address: Ren.Golembow@arcadis-us.com Telephone: 510.652.4500 Fax:		Preservative Filtered (✓) <input checked="" type="checkbox"/> E # of Containers 1 Container Information F		Keys Container Information Key: 1. 40 ml Vial 2. 1 L Amber 3. 250 ml Plastic 4. 500 ml Plastic 5. Encore 6. 2 oz Glass 7. 4 oz Glass 8. 8 oz Glass 9. Other: 10. Other:							
Send Results to: Project Name/Location (City, State): Aspire Oakland / Oakland Sample's Printed Name: Andrea Valdivia Project #: RY009155 0009 00001 Sample's Signature: <i>Andrea Valdivia</i>		PARAMETER ANALYSIS & METHOD <div style="border: 1px solid black; padding: 5px; margin: 5px;"> Lead only 45 hr TAT </div>									
Sample ID	Slate	Collection Date	Time	Type (✓)	Comp	Grab	Matrix	REMARKS			
EXC2-Final-West30'		06/14	0855	✓			SO	<div style="border: 1px solid black; padding: 5px;"> Lead only 45 hr TAT </div>			
EXC2-Final-West60'		09/10		✓			SO				
EXC2-Final-West90'		09/25		✓			SO				
EXC1-Final-SE R1		09/25		✓			SO				
EXC1-Final-East60'		10/15		✓			SO				
EXC1-Final-East90'		06/14/07		✓			SO				
Special Instructions/Comments:								<input type="checkbox"/> Special QA/QC Instructions (✓):			

Laboratory Information and Receipt		Relinquished By		Received By		Laboratory Received By	
Lab Name:	Curtis & Tompkins	Printed Name:	Andrea Valdivia	Printed Name:		Printed Name:	
<input type="checkbox"/> Cooler packed with ice (✓) <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact	Cooler Custody Seal (✓) <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact	Signature:	<i>Andrea Valdivia</i>	Signature:		Signature:	
Sample Receipt:		Firm:	ARCADIS	Firm/Courier:		Firm:	
Condition/Cooler Temp:		Date/Time:	06/14/07 1100	Date/Time:		Date/Time:	6/14/07 11:00

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 770706 Date Received 6-14-10 Number of coolers 2
 Client NECHOS Project ASPIRE OAKLAND

Date Opened 6-14-10 By (print) S. EVANS (sign) [Signature]
 Date Logged in ✓ By (print) ✓ (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) YES NO
 Shipping info _____

2A. Were custody seals present? ... ☐ YES (circle) on cooler on samples ☒ NO
 How many _____ Name _____ Date _____

2B. Were custody seals intact upon arrival? YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe) _____

☐ Bubble Wrap ☐ Foam blocks ☒ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation:

Type of ice used: ☐ Wet ☐ Blue/Gel ☒ None Temp(°C) _____

☐ Samples Received on ice & cold without a temperature blank

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO

If YES, what time were they transferred to freezer? _____

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are samples in the appropriate containers for indicated tests? YES NO

11. Are sample labels present, in good condition and complete? YES NO

12. Do the sample labels agree with custody papers? YES NO

13. Was sufficient amount of sample sent for tests requested? YES NO

14. Are the samples appropriately preserved? YES NO N/A

15. Are bubbles > 6mm absent in VOA samples? YES NO N/A

16. Was the client contacted concerning this sample delivery? YES NO

If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Lead			
Lab #:	220706	Location:	Aspire Oakland
Client:	Arcadis	Prep:	EPA 3050B
Project#:	RV0091550009	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	164018
Matrix:	Soil	Sampled:	06/14/10
Units:	mg/Kg	Received:	06/14/10
Basis:	as received	Prepared:	06/14/10
Diln Fac:	1.000	Analyzed:	06/15/10

Field ID	Type	Lab ID	Result	RL
EXC2-FINAL-WEST 30'	SAMPLE	220706-001	130	0.25
EXC2-FINAL-WEST 60'	SAMPLE	220706-002	360	0.25
EXC2-FINAL-WEST 90'	SAMPLE	220706-003	330	0.25
EXC1-FINAL SE R1	SAMPLE	220706-004	55	0.25
EXC1-FINAL-EAST 60'	SAMPLE	220706-005	96	0.25
EXC1-FINAL-EAST 90'	SAMPLE	220706-006	9.2	0.25
	BLANK	QC548556	ND	0.25

ND= Not Detected
RL= Reporting Limit

Batch QC Report

Lead			
Lab #:	220706	Location:	Aspire Oakland
Client:	Arcadis	Prep:	EPA 3050B
Project#:	RV0091550009	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	164018
MSS Lab ID:	220681-001	Sampled:	06/11/10
Matrix:	Soil	Received:	06/11/10
Units:	mg/Kg	Prepared:	06/14/10
Basis:	as received	Analyzed:	06/15/10

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC548557		100.0	88.97	89	80-120		
BSD	QC548558		100.0	92.55	93	80-120	NC	25
MS	QC548559	4.057	97.09	88.53	87	51-125		
MSD	QC548560		99.01	89.01	86	51-125	1	52

NC= Not Calculated

RPD= Relative Percent Difference